

Tanks Storing VOCs and/or Hazardous Air Pollutants

1. Type of tank:

A. Tank ID#: Indicate the name or number of the tank as known by the plant.

B. Check the following that applies or fill in appropriate information:

- | | |
|--------------------------------|--------------------------------|
| a. Fixed roof cone tank | d. External floating roof tank |
| b. Fixed roof dome tank | e. Variable vapor space tank |
| c. Internal floating roof tank | |

2. General information:

A. Product stored: Indicate the liquid and/vapor stored the tanks such as acetone, benzene, jet, kerosene etc.

B. Control systems: This should be indicated on Form Q.

C. Efficiency: Indicate the efficiency of the control device.

D. Method of venting: Such as freely vented, pressure/vacuum vented, rim vented, etc.

E. Submerged filled: Indicate by stating yes or no.

F. Indicate the following in the units provided:

- a. Tank -if vertical- height (HS) feet
- b. Tank -if horizontal- length (L) feet
- c. Tank diameter (D) feet
- d. Tank volume (V) feet³
- e. True vapor pressure (PVA), PSI at 20EC (specify other temperature if utilized)
- f. Vapor molecular weight (Mv), pounds/pounds-mole
- g. Annual throughput gallons/year
- h. Maximum liquid height (Hlx) feet
- i. Indicate the color of paint - white, silver, etc.

3. Fill in the necessary information required for State and Federal rules:

- A. Date the tank was constructed or the anticipated date of construction
- B. Tank capacity (gallons)

4. For external floating roof tanks, check if applicable or fill in appropriate information:

- A. Average liquid density (W1), lb/gal
- B. Pontoon floating roof
- C. Double deck floating roof
- D. Tank construction welded or riveted
- E. Primary rim-seal vapor mounted, liquid mounted, or mechanical shoe
- F. Secondary rim-seal weather shield, rim mounted or none

5. For internal floating roof tanks, check if applicable or fill in appropriate information:

- | | |
|---|---|
| A. Average liquid density (W1), lb/gal | F. Bolted deck |
| B. Double deck floating roof (yes or no) | G. Primary rim-seal vapor mounted or liquid mounted |
| C. Number of column supporting fixed roof | H. Is there secondary rim-seal? yes or no |
| D. Self-supported fixed roof | E. Welded deck |

6. For variable vapor space tanks, check if applicable or fill in appropriate information:

- A. Volume of liquid pumped into system (V1), bbl/yr
- B. Volume of expansion capacity of system (V2), bbl
- C. Number of transfers into the system (N2), during the time period that corresponds to the throughput of V1.

